

Source Units



Source Units – Technologies

Feature Technologies

Clarion continues to evolve technology with: Optimedia, Fine Integrated Full Dot FD Display, Front Panel USB, Music Catcher II, and ADF.

- Optimedia-equipped head units feature a full color 4.2" TFT touch panel display.
- The DXZ765MP features a Fine Integrated Full Dot Vacuum Fluorescent display. This display is easy to read at all viewing angles, offers excellent contrast and resolution.
- The DB365USB features a front-panel mounted USB port. A memory stick, card reader or portable music player can be connected for access to up to 255 songs.
- Music Catcher II is a technology embedded in the DFZ675MC allowing the unit to digitally record up to six CDs worth of music at 4x recording speed at four different quality levels.
- Source units containing the ADF feature can dramatically restore lost dynamics caused by compressed audio. The DXZ865MC features adjustable ADF processing.

Connectivity



Bluetooth Integration

BT1 Universal Bluetooth Interface

This allows a compatible Bluetooth-enabled cellular phone to connect an head unit, whether a Clarion, factory, or a competitors. Paired up with a Bluetooth phone, the head unit's volume or accessory wire can be interrupted during a phone call. The audio pass-through circuit allows the callers voice to be heard through the front speaker while the audio from the source unit is muted. The BT1 features a sun-visor mounted module that includes a microphone, volume and mute button.

Clarion CeNET

Clarion launched CeNET in 2001 - offering a way for accessories to be connected, controlled by and integrated with our source units. Clarion CeNET is much more than just an aux input - it offers fully shielded differential audio transmission that is nearly impervious to RFI interference, allowing the accessory to communicate with the micro controller (computer) in the source unit and display information on the screen of the source unit.

The following CeNET devices are available - the owner's manual for your source unit will explain which are compatible with your product

EA1251B/EA1276B - CeNET iPod Interface

Compatible with more than a quarter-million Clarion source units on the market today (dating back to 2001), Clarion's CeNET iPod interface is your customer's way of "Podifying" their in-car



experience. The interface, which powers and charges the iPod during operation, is compatible with source units with model numbers containing the letter "Z" — which signifies that the unit offers CeNET control.

Mirroring the control of a CD changer, the interface requires the user to create six playlists. The title of each playlist must contain the word "clarion (no caps)" followed by the playlist number (ie., clarion1 or clarion2). The first playlist automatically collects all songs loaded into the iTunes program. The user can personalize the remaining five.

The EA1251B works with CeNET head units. The EA1276B was designed to provide text information on the CMD4A and M455A. These decks use

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a slightly different text display method.

- Interface is not equipped with a pass-through CeNET connection. Installers must use Clarion's CCA519 to connect additional CeNET-controlled components.

SIRCL3

These units allow for the reception of Sirius Satellite radio. The source unit AM/FM presets can be used when in Sirius mode to store your favorite stations. Station information, artist and song title information will be displayed on the source unit when used with any of these modules

DCZ625

The DCZ625 is a six-disc CD changer compatible with all CeNET enable source units.

VCZ625

The VCZ625 is a six-disc DVD changer compatible with all CeNET enable source units. This changer will also decode MP3 files from CD, CD-R or CD-RW discs. (Except CMD4 and M455)

DVH940

The DVH940 is a surround sound processor compatible with VRX and MAX series source units. This unit decodes Dolby Digital and dts surround sound information. The DVH940 features electronic crossovers, parametric equalizers and time delay adjustment for the center and rear channels.

TTX7501Z

The TTX7501Z is a TV Tuner module that integrates with many source units. The AM/FM radio preset buttons can be used to store your favorite TV stations for easy access. The TTX7501Z features a four-channel diversity antenna input for optimum picture quality.

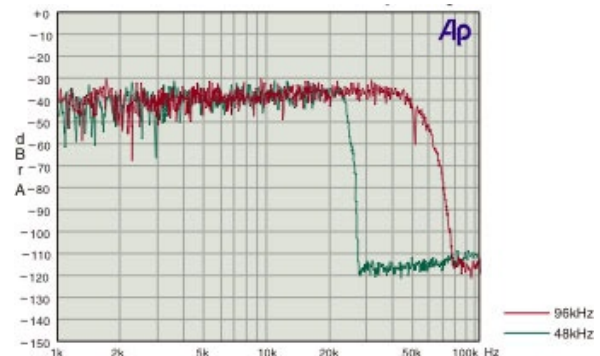
Clarion's 1-bit D/A bitstream converter produces signal levels that are either "one" or "zero." Because of this, the conversion process is not prone to the types of errors found in the multi-bit D/A conversion. The results of a 1-bit D/A conversion is excellent linearity and a virtual absence of distortion.

In Clarion's 24-bit D/A converter (in the DRZ9255, DXZ865MP and DXZ765MP), the digital code of the "one" or "zero" bits is read more often than the standard 1-bit decoding rate of 44,100 bits per second for audiophile sound quality and more detailed music quality. A 24-bit D/A converter greatly reduces linearity errors and notch distortion, resulting in superior sound and less system noise.

96kHz Digital to Analog converter

Few components have as large an effect on the ultimate sound quality of a source unit as the D/A converter. It is this devices that interprets the 16-bit digital information recorded on a CD and converts it back into an analog waveform - or music. Any errors or frequency response limitations of the D/A converter directly limit the quality of the reproduced sound. Car Audio magazines and enthusiasts agree that the Clarion DRZ9255 is indeed one of the finest sounding source units on the market - the key reason - the Burr-Brown 24-bit 96kHz D/A converter.

The sampling rate (or how often the D/A converter converts a digital signal back to analog) defines the highest frequency that can be reproduced. A



conventional D/A converter operates at 44.1kHz and as defined by the Nyquist Frequency (the

Sound Quality

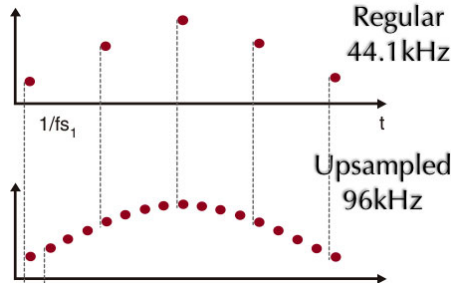
1-Bit and 24-Bit Digital-to-Analog Converter

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highest frequency that can be reproduced is half of the sampling frequency) the highest frequency that can be reproduced is 22.05kHz.

The 96kHz D/A converter in the DRZ9255 operates at twice this frequency, moving the maximum reproducible frequency up to 48kHz.

What does this mean for the end-user? Any time a



filter is implemented in a circuit, it not only affects frequency response, but also phase response (the relative arrival time of different frequencies). Moving the high frequency roll-off up one octave higher means that the DRZ9255 can reproduce high frequencies with coherence, detail and clarity. Clarion was the first company to implement a 96kHz DAC in the car audio industry.

High Voltage Preamplifier Output

A high preamplifier voltage provides reduced signal clipping, less chance of vehicle electrical noises altering signals between source unit and amplifier, and a lower amplifier input gain setting to reduce system noise levels.

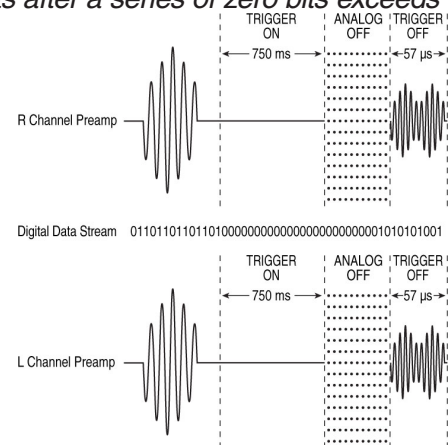
Clarion's DXZ865MP and DXZ765MP source units, as well as several processors, feature 4-volt, low-impedance (less than 330 ohms) outputs that minimize the possibility of a clipped and distorted output signal. This results in a much cleaner musical signal sent to the power amplifier with less rolloff at the top and bottom of the frequency range. The end result is musical reproduction with extended dynamic range and more headroom.

The DRZ9255 offers an 8Vrms pre-amp output for even better signal to noise performance.

Zero-Bit Detector Mute Circuit

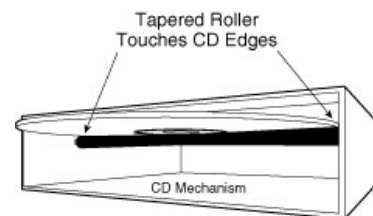
Clarion CD Players feature a zero-bit detection circuit. This circuit turns off (mutes) both the line-level and speaker-level outputs when it does not see a digital signal for more than 750 milliseconds. Since a digital signal consists of "one" and "zero" bits, the zero-bit detector will turn off the analog audio input signal to the preamp section when it sees a series of zero bits. The purpose of this circuit is to eliminate tracking noise or background noise that is typically associated with the decoding of the digital signal to its final analog form.

The zero-bit detector mutes the preamplifier analog outputs after a series of zero bits exceeds 750-ms.



Audio is restored after a period of one and zero bits is longer than 57 μs.

Clarion's Low-Vibration Suspension System



Clarion CD players, CD and DVD changers, feature an advanced suspension system to prevent skipping and mistracking. Clarion incorporates a system of springs and dampeners to minimize the chances of skipping, whether the unit's on the road, off the road, or on the water. Along with the suspension system, a three-beam laser pick-up assembly is employed. The center pick-up detects the digital information that is sent to the D/A converter. The inner and outer pick-ups guide the laser

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assembly to precisely track the digital information on the CD. With the advanced suspension system, D/A converters and the zero bit detection circuit, it is easy to see why Clarion CD players perform flawlessly and with excellent sound quality.

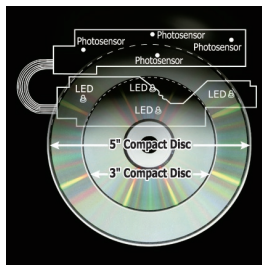
Clarion's CD Operational Safeguards

Clarion's CD operational safeguards allow the CD mechanism to detect disc size, prior disc-in-drive detection, foreign object detection, and auto reload.

A tapered loading-roller precisely centers the CD onto the drive spindle. Since the roller mechanism is tapered, only the edges of the CD are touched, thereby eliminating the possibility of scratches. A sensor prevents disc loading when one is already in the player by automatically closing a loading gate.

These operational safeguards allow safer CD disc handling, prevent jams from accidental loading of two CDs, and helps to reduce service problems by detecting foreign objects in the drive mechanism.

Clarion's CD mechanism uses photosensors and LEDs to identify 3" or 5" compact discs. Clarion's



CD mechanism uses a tapered roller to precisely center the CD onto the drive spindle.

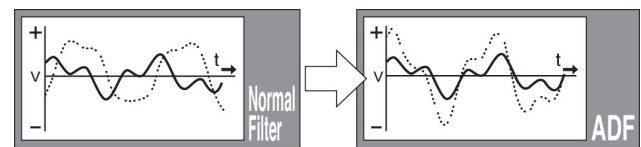
Audio Signal Processing Technologies

ADF (Anti-Distortion Filter)

No one can question the benefits of compressed audio formats such as MP3 and WMA music files: more songs and more selection. The downside of this format is sound quality. With Clarion's embedded Anti-Distortion Filter (on the DXZ865MP and DXZ955MC), the rich, full sound lost during compression is restored for dramatic sound reproduction.

ADF also corrects deficiencies of overused CDs. The benefits don't stop there, either. From road noise to sound-hindering interior cabin designs, the environment inside a vehicle is not an ideal place for optimal sound reproduction. Clarion's Anti-Distortion Filter corrects these problems, preventing high- and low-range frequencies from becoming inaudible. This is done without any additional frequency boost to compensate for the inherent problems, which can result in muffled, dull sounds generated by mutual phase distortion.

ADF enhances and corrects sound quality, while a



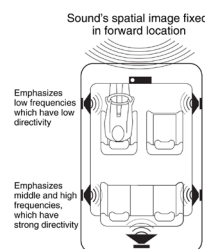
normal filter alters the wave form.

AC-Processor IV: Cutting Edge Technology for Total Sound Control

The AC-Processor III is Clarion's advanced digital sound processing technology. It was developed by bringing together various sound quality and sound field manipulation technologies. It provides a wide spectrum of features like Dolby Pro Logic II, Virtual Space Enhancer, Time Alignment, Electronic Crossovers and Parametric EQ. The AC-Processor IV has four modes: Pro Logic II, Standard Mode, 2-Way and 3-Way. With all these features and functions, the AC-Processor IV allows for nearly infinite system configuration and manipulation.

Dolby Pro Logic II

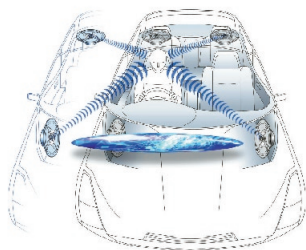
Dolby Pro Logic II is a matrix sound decoding technology developed by Dolby Laboratories that is able to take any 2-channel source, such as a CD or radio broadcast, decode it, and output it as 5.1-channel sound. Clarion was the world's first to incorporate this innovation into the mobile environment, enabling the sonic experience of a live concert to be reproduced in your vehicle.



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Since it's equipped with a Center Width Control and a Matrix Mode that simulates the center channel speaker using the front L/R speakers, you can reproduce quasi 5.1 surround sound effect from just the four standard speakers in your vehicle. And other "live sound" adjustments like Dimension mode and Panorama mode are also available.

Virtual Space Enhancer



The car's interior is plagued by a standing wave produced by reflective sounds in the neighborhood of 230 Hz, which disrupts low frequency reproduction. Taking

this in to consideration, Clarion has designed and developed the Virtual Space Enhancer (or VSE). It allows the user to digitally compensate for irregular reflection, polarization, and other acoustic problems associated with the vehicles interior.

Time Alignment Control

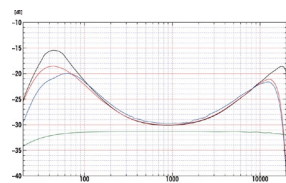
For pinpoint accuracy, Clarion allows you to adjust your system's speakers to deliver the same acoustical effects. The system is based on five basic positioning points: FRONT-L, FRONT-R, FRONT, REAR, and FULL SEAT. Aside from your system's acoustic patterns, digital time alignment allows you to optimize your system to account for the number of passengers inside your vehicle's interior cabin. The adjustment range is 0 to 500 cm, in 2.3 cm steps).

The DRZ9255 offers incredibly fine control over each of its 8 outputs - you can adjust the delay in 0.7cm (roughly 1/4")-inch steps for perfect speaker to speaker adjustment - just another reason the DRZ9255 is perhaps the finest source unit in the industry.

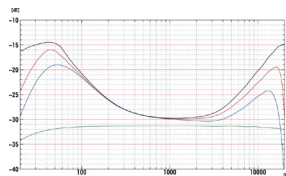
Digital Z-Enhancer

Providing the most accurate and elegant signal processing solution is the new Digital Z-Enhancer. Found in the DFZ675MC, this integrated equalizer features three sound curves, each with three

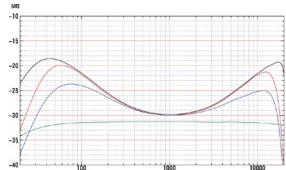
levels of effect, providing moderate to significant low and high-frequency boost. All processing takes place in the new Digital Z-Enhancer DSP chip for phase-shift free, accurate adjustment.



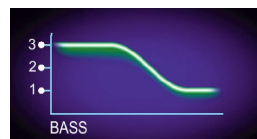
DZE-1



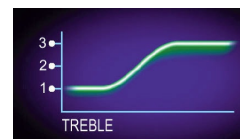
DZE-2



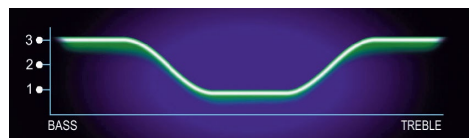
DZE-3



Low Frequency Boost



High Frequency Boost



Low and High Frequency Boost

Z-Enhancer Plus

Provides ease of operation for correction of low and high frequencies with two parametric settings. In addition, three preset EQ settings are available.

Using the Z-Enhancer is as easy as selecting the preset that sounds the best. No need for years of experience in system tuning. Press the button and enjoy.

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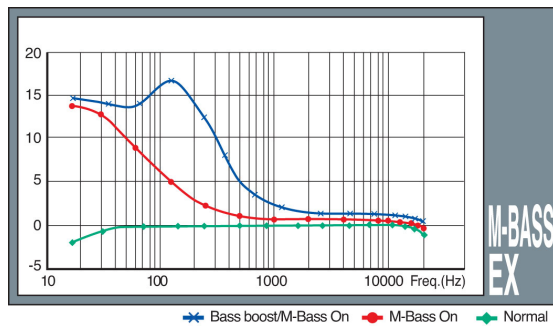
Audio Features



fo

3-Band Parametric Equalizer and Beat EQ

In the event that typical BASS and TREBLE tone controls can't adequately adjust the music, the AC-Processor IV has a built-in parametric EQ. This EQ utilizes a three-band, 1/3-octave equalizer with adjustments for gain, frequency, and Q (width of the adjusted frequency). For those looking for simplicity, Beat EQ has three bands (low, mid and high) with



eight frequency choices (three for low, three for mid and two for high). This feature also offers adjustments for gain and Q. There are also three preset EQ curves for Bass Boost, Impact, or Excite.

Magna Bass EX

Compared to conventional loudness features, which boost the low frequency range of 100Hz, Magna Bass EX boosts the ultra-low frequency with a center frequency of 50Hz. With an automatic boost level control, it's able to produce a well-balanced bass volume depending on sound level, resulting in dynamic bass reproduction.



tion.

Front Panel USB

Transporting music from your computer to your car has never been easier than it is with the DB365USB. With its front-panel USB slot, simply copy up to 255 of your favorite songs to a memory stick, and plug it in. There you have it, all your

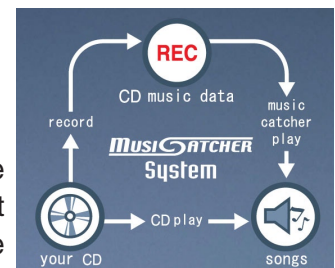


favorite MP3 or WMA files, accessible and easily transportable. No need to burn fragile compact disks or purchase expensive portable music players. Load and go with Clarion Front Panel USB.

Clarion's incorporated the USB slot right into the face of the radio. This means, no additional installation cost and no fragile cables to become damaged. Simple and reliable 100% of the time.

Front Panel SD Card Slot

As a sibling to the Front Panel USB slot on the DB365USB, the DFZ675MC features a



Front Panel SD Card slot. This functions in the same manner as the USB slot, allowing you to transport up to 255 of your favorite songs on a compact SD card. You can choose from MP3 or WMA compressed files. With Front Panel SD, you always have your music at your fingertips.

Music Catcher II System

Clarion unveils its evolved Music Catcher System II (found on the DFZ675MC). Music Catcher II, which

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operates by built-in flash memory, allows one to freely record, play and erase up to 13 CDs worth of music data files (Music Catcher will not record MP3/WMA files). Music Catcher offers four recording modes to choose from, so you can choose between storage capacity and fidelity.

Music Catcher II is also capable of recording audio at 4x normal playback speed, letting you record your favorite songs faster than ever.

By using the Music Catcher System, no longer is there a need to carry around that cumbersome CD storage case, or risk damage to your favorite CD. This system also eliminates the need for space-taking CD changers.

CD-R/CD-RW Playback

Clarion CD Players let you play a variety of CDs. You can burn WAV files on CD-R or CD-RW and listen to them on Clarion source units. You can even add disc/artist/song titles when burning the CD-R/RWs, and many source units will display this information.

MP3 and WMA

All source units except but the DB165 and DXZ265 offer MP3 playback and all units at the 3-series and up offer playback of WMA-encoded (Windows Media Audio) music. WMA formats have a higher compression rate than MP3s, permitting more music information with maximum fidelity to be recorded on a CD-R or CD-RW. Clarion's MP3/WMA players support ID3/WMA Tags and display Album Title, Track Title, and Artist Name. Furthermore, the DXZ665MP and higher models can also play back "Play Lists" that you setup on your PC (with file extensions ".m3u" or ".asx").

MP3 technology is a different way of compressing music into a smaller storage space. A standard audio CD touts up to 700 megabytes (MB) of storage, enough for a standard music playback time of about 80 minutes. MP3 is a compression format that stores digital audio information in about 1/10 the space of a standard audio CD. In other words, a 700-MB CD can store up to 10 HOURS of music!

Design and Interface

Optimedia Display



Combining impeccable styling with full-color touch-screen capability, Clarion's reformatted Graphic User Interface (GUI) provides superior functionality in an environment where ease-of-use is of utmost importance. Intuitively linking the movement of the user's fingertips to the screen, Clarion's advanced Optimedia display found on the DXZ865MP, provides precise control of display functions and features.

Fine Integrated Full-Dot Vacuum Fluorescent Display



The VFD consists of a vacuum tube in which there are three electrodes - filament, anode and grid. The VFD is similar in designed to a very small Cathode Ray Tube. The filament is heated to a temperature just below the point of incandescence. At this temperature it remains invisible, but releases electronics. A transparent metal grid covers each of the image anodes (dots). These glow when struck by the electrons from the filament. The amplitude of the voltage applied to the grid and anode determines the intensity of the illumination.

Clarion's Fine Integrated Full-DOT VFD display offers exceptional resolution, clarity and contrast. With 16 intensity levels, images and text are easily displayed at high speed.

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Smart Control Key

The DXZ265 through DXZ765MC (except DB365USB) feature the *new* Smart Control Key. Located directly to the left of the volume control, this key allows for easy access to different tracks, radio stations and easy navigation of menus.



Retractable Rotary Volume Control

Much more ergonomic and intuitive than buttons, this control lets you adjust the volume with analog-type flexibility. It helps you keep your eyes

on the road while keeping your ears entertained.

Multicolor Display



DXZ865MP and DFZ675MC source units have adjustable multiple color displays, which can be user customized. Not only the display colors, but also the illumination of control buttons change to match the display! You can select from 728 different colors to ensure a perfect match to your factory illumination.

Subwoofer Level Control and Built-In Low-Pass Crossovers

The DRZ9255, DXZ865MP, and DXZ765MP source units feature a subwoofer level control, which is accessible when the "A-M" button (located on the front-panel of the source unit) is pressed. This feature allows for instant subwoofer adjustment and more control over the sound system. Included with the Subwoofer Level Control is a built-in low-pass crossover with selectable frequencies at 50, 80, or 120 Hz. The front and rear RCA and speaker outputs are not

affected by the low pass crossover filter.

Message Information

On most source units, you can personalize your display with customized messages. This feature allows for up to 30 character messages, which are displayed when the unit is turned on or off.

Last Position Memory

This is a feature that many inexpensive head units don't offer. When you turn off the ignition, then turn it back on, Clarion head units resume playback from where you left off - not the beginning of the disc or track.

Top Button

It may seem like a simple feature, but helps make disc navigation even faster - the *Top Button* instantly takes you back to the first track on the disc you are listening to.

Power Antenna Lead

Clarion CeNET enabled source units feature a dedicated power antenna lead - not just a remote turn-on lead. This means that the power antenna will only be extended while listening to the radio.

Phone Mute Input

Compatibility with external accessories means that Clarion head units can be the center of an elaborate in-car entertainment system. Clarion CeNET enabled head units include a Cell Phone Mute input wire. This wire will mute the audio output when connected to a BT1 (*Universal Bluetooth Kit*). The Brown wire is the (-) phone mute wire.

Illumination and Dimming

The ability to see clearly down the road when driving at night means you don't want any distractions - Clarion has equipped most of its source units with a dimmer input wire. When 12V is applied to this wire, the display on the face of the radio will reduce its light output, following the function of the factory dash. The (+) illumination input wire is Orange.

Source Units – Technologies

ISO Mount Capable

All Clarion single-DIN source units can be mounted without the use of their trim ring to compatible ISO-mount vehicles. This means the source unit will look as though it was installed from the factory - while offering a stunning performance upgrade.

Key Off Eject

Sometimes we forget to take our favorite CD back into the house after a drive - Clarion makes retrieving your music easy with *Key-Off Eject*. The disc eject function operates even when the cars ignition is turned off.

Memory Backup

Clarion source units include a memory backup feature. This allows a source unit to retain its radio presets for a period of time between 8 and 24 hours depending on the model of source unit. Should the vehicle battery need to be disconnected for service, this prevents you from having to re-enter all the radio presets.

Instant Station Recall

Everyone had a favorite radio station and Clarion source units make it easy to listen to. Just program your favorite AM or FM station into the ISR feature and no matter what source you are listening to, pressing the ISR button will bring up your favorite radio station - no need to hunt through presets or change sources.

Auto Store

When travelling, sometimes it's nice to tune into a local radio station to catch the news, weather, traffic or some new music you've never heard before. Clarion source units include an Auto Store Function. Simple activate the Auto Store and the six strongest stations in the area are loaded into the current radio station preset group. Just remember not to erase all your favorites from home.

Power and Performance

CEA-2006 Ratings

All new Clarion amplified products have been rated using the CEA-2006 specification. This specification was created to allow power production numbers to be compared between one brand and another without concern for measurement type.

The CEA-2006 specification states that power measured using this format will be constant

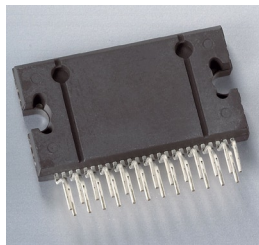


through the entire specified audio bandwidth range. The power measurement will be taken with 14.4V being supplied and the distortion from the output signal can't exceed 1%.

Just as with the power ratings, Signal to Noise (S/N Ratio) measurements will follow similar guidelines. The S/N Ratio measurement will be taken at a power level of 1W into a 4 Ohm load. This means that all device measurements will be comparable, no matter how much power the product produces.

212W MOSFET Power IC

For 2006, Clarion launches yet another new amp IC in their head units. The MOSFET Power IC is smaller and more efficient than previous amplifier designs, virtually eliminating distortion.



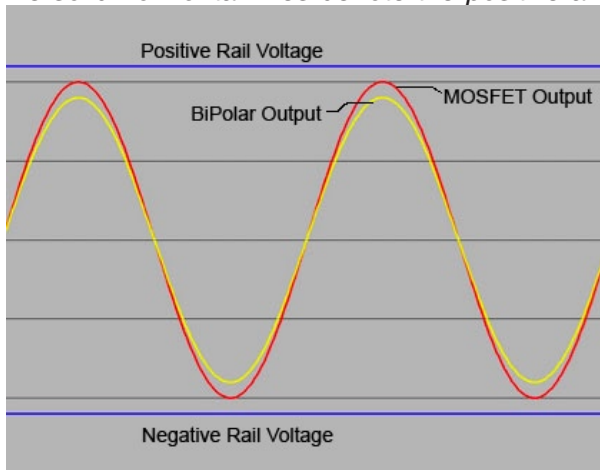
MOSFET amplifiers are capable of producing

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more power because the output voltage can be switched closer to the rail voltage. In a head unit, with only 12V of power being supplied from the cars electrical system, it is critically important to maximizing amplification.

The new MOSFET Power IC found in the DXZ865MP, DXZ765MP and DXZ665MP are capable of producing 53W x 4 Max power and an impressive 22W x 4 using the CEA-2006 power rating.

The solid horizontal lines denote the positive and



negative amplifier power supply rail voltage.

The smaller sine wave shows the maximum undistorted output from a standard bipolar output transistor

The larger sine wave shows the maximum undistorted output from a MOSFET output device.

Source Units - DB165/DB265MP



DB165

CD RECEIVER

- Plays CD, CD-R & CD-RW
- 2-Channel RCA Output
- 180W Amplifier (45W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- 18 FM/6 AM Presets
- 13-Segment, 8-Digit LCD panel
- White on Blue Illumination

Wire Harness

854-634-959

Replacement DCP

DCP-569

Specifications

Maximum Power Output	45 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	80dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (±1dB)
CD Dynamic Range	93 dB
Harmonic Distortion	0.03%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	11 dBf
FM 50 dB Quieting Sensitivity	17 dBf
FM Stereo Separation	35 dB



DB265MP

CD/MP3 RECEIVER

- Plays CD, CD-R & CD-RW
- MP3 decoding with ID3 tag display
- 2-Channel RCA Output
- 180W Amplifier (45W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- 18 FM/6 AM Presets
- 13-Segment, 8-Digit LCD panel
- White on Blue Illumination
- IR Remote Control *(Optional)*

Wire Harness

854-634-959

Replacement DCP

DCP-570

Optional Remote Control

RCB-176

Specifications

Maximum Power Output	45 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	80dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (±1dB)
CD Dynamic Range	95 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	11 dBf
FM 50 dB Quieting Sensitivity	17 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

Source Units - DXZ265/DB365USB



DXZ265

CD RECEIVER WITH CENET CONTROL

- Plays CD, CD-R & CD-RW
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 2-Channel RCA Output
- 200W MOSFET Amplifier (50W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- Smart Control Key
- 18 FM/6 AM Presets
- 13-Segment, 8-Digit LCD panel
- White on Blue Illumination
- Screen Savers
- Built-In Amp Cancellor
- IR Remote Control (*Optional*)

Wire Harness	854-634-959
Replacement DCP	DCP-600
Optional Remote Control	RCB-176

Specifications

Maximum Power Output	50 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	81dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (± 1 dB)
CD Dynamic Range	80 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	11 dBf
FM 50 dB Quieting Sensitivity	17 dBf
FM Stereo Separation	35 dB



DB365USB

CD/MP3/WMA RECEIVER WITH FRONT PANEL USB SLOT

- Plays CD, CD-R & CD-RW
- Front Panel USB Slot
- MP3 and WMA Decoding with ID3 Tag Display
- 4-Channel RCA Output
- 2-Channel RCA Input with Level Control
- 180W Amplifier (45W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- 18 FM/6 AM Presets
- 13-Segment, 8-Digit LCD Panel
- White on Blue Illumination
- IR Remote Control

Wire Harness	854-634-959
Replacement DCP	TBA

Specifications

Maximum Power Output	45 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	80dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (± 1 dB)
CD Dynamic Range	95 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	11 dBf
FM 50 dB Quieting Sensitivity	17 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

Source Units - DXZ365MP/DXZ465MP



DXZ365MP

CD/MP3/WMA RECEIVER WITH CENET CONTROL

- Plays CD, CD-R & CD-RW
- MP3 and WMA Decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 2-Channel RCA Output
- 200W MOSFET Amplifier (50W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- Smart Control Key
- 18 FM/6 AM Presets
- 13-Segment, 8-Digit LCD panel
- White on Blue Illumination
- Screen Savers
- Built-In Amp Cancellor
- IR Remote Control

Wire Harness 854-634-959
Replacement DCP DCP-547

Specifications

Maximum Power Output	50 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	81dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (±1dB)
CD Dynamic Range	80 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	11 dBf
FM 50 dB Quieting Sensitivity	17 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

DXZ465MP

CD/MP3/WMA RECEIVER WITH CENET CONTROL

- 2 Year Warranty (if installed by an authorized dealer)
- Full Dot Matrix Display
- Plays CD, CD-R & CD-RW
- MP3 and WMA Decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 4-Channel RCA Output
- 2-Channel RCA AUX Input
- 208W MOSFET Amplifier (52W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- Smart Control Key
- 18 FM/6 AM Presets
- White on Blue Illumination
- Screen Savers
- Built-In Amp Cancellor
- IR Remote Control

Wire Harness 854-634-959
Replacement DCP DCP-548

Specifications

Maximum Power Output	52 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	81dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (±1dB)
CD Dynamic Range	80 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	11 dBf
FM 50 dB Quieting Sensitivity	17 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

Source Units - DXZ665MP/DXZ765MP



DXZ665MP

CD/MP3/WMA RECEIVER WITH CENET CONTROL

- 2 Year Warranty (if installed by an authorized dealer)
- Fine Integrated Vacuum Fluorescent Display
- Plays CD, CD-R & CD-RW
- MP3 and WMA decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 4-Channel RCA Output
- 2-Channel RCA Aux Input
- 212W MOSFET Amplifier (52W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Retractable Rotary Volume Control
- Smart Control Key
- 18 FM/6 AM Presets
- 728 Color Button Illumination
- Screen Savers
- Built-In Amp Cancellor
- IR Remote Control

Wire Harness 854-634-959
Replacement DCP DCP-572

Specifications

Maximum Power Output	52 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	81dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (±1dB)
CD Dynamic Range	95 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	9 dBf
FM 50 dB Quieting Sensitivity	15 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

DXZ765MP

CD/MP3/WMA RECEIVER WITH CENET CONTROL

- 2 Year Warranty (if installed by an authorized dealer)
- Full Dot Fine Integrated Vacuum Fluorescent Display
- Plays CD, CD-R & CD-RW
- MP3 and WMA decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 24-Bit D/A Converter
- 6-Channel 4-Volt RCA Output
- 2-Channel RCA Input
- Adjustable Subwoofer Output with Low-pass Crossover
- 212W MOSFET Amplifier (53W x 4)
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Retractable Rotary Volume Control
- Smart Control Key
- 18 FM/6 AM Presets
- 728 Color Button Illumination
- Screen Savers
- Built-In Amp Cancellor
- IR Remote Control

Wire Harness 854-634-959
Replacement DCP DCP-571

Specifications

Maximum Power Output	53 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	4.0Vrms
CD Signal to Noise Ratio	81dB 1W into 4 Ohms
CD Frequency Response	5 Hz to 20 kHz
CD Dynamic Range	95 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15 kHz
FM Usable Sensitivity	9 dBf
FM 50 dB Quieting Sensitivity	15 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

Source Units - DXZ865MP/ DXZ955MC



DXZ865MP

CD/MP3/WMA OPTIMEDIA RECEIVER WITH CENET CONTROL

- 2 Year Warranty (if installed by an authorized dealer)
- Full Color 4.2" TF LCD Display with Touch Screen
- Plays CD, CD-R & CD-RW
- MP3 and WMA Decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 24-Bit D/A Converter
- 6-Channel 4-Volt RCA Output
- 2-Channel RCA Aux Input
- Adjustable Subwoofer Output with Low-pass Crossover
- 212W MOSFET Amplifier (53W x 4)
- Anti-Distortion Filter
- Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Detachable Face Panel
- Rotary Volume Control
- 18 FM/6 AM Presets
- Auto Dimmer Control
- 3 Full Color Full Motion Screen Savers
- Spectrum Analyzer Display
- Built-In Amp Cancellor
- IR Remote Control

Wire Harness 854-634-959
Replacement DCP DCP-555

Specifications

Maximum Power Output	53 Wrms x 4
CEA-2006 Power Output	22 Wrms x 4
Line Level Output Voltage	4.0Vrms
CD Signal to Noise Ratio	88dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (±1dB)
CD Dynamic Range	96 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	9 dBf
FM 50 dB Quietening Sensitivity	15 dBf
FM Stereo Separation	32 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3



DXZ955MC

CD/MP3/WMA OPTIMEDIA RECEIVER WITH CENET CONTROL AND MUSIC CATCHER

- 2 Year Warranty (if installed by an authorized dealer)
- Full Color 4.2" TF LCD Display with Touch Screen
- Plays CD, CD-R & CD-RW
- MP3 and WMA Decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 24-Bit D/A Converter
- 6-Channel 4-Volt RCA Output
- 2-Channel RCA Input
- Adjustable Subwoofer Output Level
- Low, High and Bandpass 3-way Crossover
- 212W MOSFET Amplifier (53W x 4)
- AC Processor IV w/ Time Alignment, Dolby Pro Logic II & EQ)
- Anti Distortion Filter
- 3-band Parametric EQ
- Magna Bass EX
- 45 Second Shock Proof memory
- Random Play, Intro Scan, Track Repeat
- Detachable Stainless Steel Trim Face Panel
- Rotary Volume Control
- 18 FM/6 AM Presets
- Auto Dimmer Control
- 3 Full Color Full Motion Screen Savers
- Spectrum Analyzer display
- Adjustable Display Contrast
- Built-In Amp Cancellor
- IR Remote Control

Wire Harness 854-634-959
Replacement DCP DCP-555

Specifications

Maximum Power Output	53 Wrms x 4
CEA-2006 Power Output	18 Wrms x 4
Line Level Output Voltage	3.0Vrms
CD Signal to Noise Ratio	100dB 1W into 4 Ohms
CD Frequency Response	5Hz to 20KHz (±1dB)
CD Dynamic Range	96 dB
Harmonic Distortion	0.005%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	9 dBf
FM 50 dB Quietening Sensitivity	15 dBf
FM Stereo Separation	32 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3

Source Units - DFZ675MC/DRZ9255



DFZ675MC

CD/MP3/WMA 2-DIN RECEIVER WITH CENET CONTROL AND MUSIC CATCHER II

- 2 Year Warranty (if installed by an authorized dealer)
- Vacuum Fluorescent Display
- Plays CD, CD-R & CD-RW
- MP3 and WMA Decoding with ID3 Tag Display
- CeNET Control for DVD Changer (Easy), TV Tuner, 6-Disc CD Changer, Satellite Radio Tuner and iPod Interface.
- 4-Channel 2-Volt RCA Output
- Front Panel 3.5mm Auxiliary Input
- Front Panel SD Card Slot
- Music Catcher II Digital Recorder with 4x Record Speed
- 200W MOSFET Amplifier (50W x 4)
- Digital Z-Enhancer
- Magna Bass EX
- Random Play, Intro Scan, Track Repeat
- Rotary Volume Control
- 18 FM/6 AM Presets
- Adjustable Display Contrast
- Built-In Amp Canceller
- IR Remote Control

Specifications

Maximum Power Output	50 Wrms x 4
CEA-2006 Power Output	19 Wrms x 4
Line Level Output Voltage	2.0Vrms
CD Signal to Noise Ratio	81dB 1W into 4 Ohms
CD Frequency Response	10Hz to 20KHz (± 1 dB)
CD Dynamic Range	95 dB
Harmonic Distortion	0.01%
FM Frequency Range	87.9 MHz to 107.9 MHz
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	9 dBf
FM 50 dB Quieting Sensitivity	15 dBf
FM Stereo Separation	35 dB
MP3 Formats	MPEG 1, 2 and 2.5-Layer 3



DRZ9255

PROAUDIO AM/FM CD PLAYER WITH CENET, TIME ALIGNMENT, PARAMETRIC EQ AND 4-WAY CROSSOVER

- Dual 24-Bit Burr Brown 96kHz D/A Converters (if installed by an authorized dealer)
- Digital Time Alignment for Each Channel with 0.7cm (1/4") Steps
- 4-Way Electronic Crossovers - 6, 12 or 18dB Slopes, Bandpass on Sub, Low and Midrange Outputs
- 5-Band Parametric Equalizer with Presets
- 0.5dB/Step Burr Brown Zero-Crossing Volume Control
- CeNET Control of CD Changer, DVD Changer, TV Tuner and iPod Interface
- Copper Plated Chassis for EMI Noise Rejection
- 8-Volt, 4-channel Gold Plated Preamp Outputs with OFC Cables
- Two Auxiliary Inputs
- External 30V DC/DC Converter Power Supply
- Fiber Optic Input for CD/DVD Changer
- Vacuum Fluorescent Display
- IR Remote Control
- MagiTune+ AM/FM Tuner
- Zinc Die-Cast Faceplate

Specifications

Maximum Power Output	N/A
CEA-2006 Power Output	N/A
Line Level Output Voltage	8.0Vrms
CD Signal to Noise Ratio	100 dB
CD Frequency Response	5Hz to limits of CD
CD Dynamic Range	95 dB
FM Frequency Response	30Hz to 15kHz
FM Usable Sensitivity	9 dB
FM 50 dB Quieting Sensitivity	15dB
FM Stereo Separation	35dB

Source Units – ADB340MP/XA311 Information



ADB340MP

AM/FM CD/MP3 CASSETTE PLAYER WITH TWO-DIN CHASSIS

FEATURES

- Flip-Down Faceplate
- Plays CD-R and RWs
- Plays MP3-Encoded CDs
- Full-Logic Cassette Player with Auto Reverse
- 3-Band Graphic EQ
- LCD with Spectrum Analyzer
- 2-Channel RCA Line-Level Output
- 2-Channel Auxiliary Input
- 200 W Amplifier (50 W x 4)
- Radio Tuner with 18 FM/6 AM Presets
- CD Text and CD Titling

Replacement Part

Wire Harness 854-634-950

Specifications

FM Useable Sensitivity 11 dB
FM 50 dB Quieting Sensitivity 17 dB
FM Alternate Channel Selectivity 70 dB
FM Stereo Separation 35 dB

FM Stereo Frequency Response 30 Hz to 15 kHz
CD Signal-to-Noise Ratio 100 dB

CD Frequency Response 10 Hz to 20 kHz
CD Dynamic Range 95 dB

Tape Wow and Flutter 0.06 %
Tape Channel Separation 45 dB
Tape Signal-to-Noise Ratio, Metal Tape,
Dolby B Noise Reduction 67 dB
Tape Frequency Response, Metal Tape . . . 30 Hz to 20 kHz
Maximum Power Output 50 W x 4
Continuous Power Output 17 W x 4
Line-Level Output Voltage 1.8 V



XA311

AM/FM CASSETTE PLAYER WITH CD CHANGER CONTROLLER AND DIN CHASSIS

FEATURES

- Magi-Tune Tuner with 20 FM/5 AM Presets
- Rotary Volume Control
- Z-Enhancer EQ Selector
- Green LCD Display
- C-Bus Changer Control
- 160 W Amplifier (40 W x 4)
- Auto Reverse

Optional Changer

DC625

Replacement Part

Wire Harness 854-634-950

Specifications

FM Useable Sensitivity 11 dB
FM 50 dB Quieting Sensitivity 17 dB
FM Alternate Channel Selectivity 75 dB
FM Stereo Separation 35 dB

FM Stereo Frequency Response 30 Hz to 15 kHz
Tape Wow and Flutter 0.08 %
Tape Channel Separation 45 dB
Tape Signal-to-Noise Ratio, Metal Tape,
No Noise Reduction 58 dB
Tape Frequency Response, Metal Tape . . . 30 Hz to 20 kHz
Maximum Power Output 40 W x 4
Continuous Power Output 14 W x 4

Source Units – DCZ625/DC625 CD Changers



DCZ625

CENET 6-DISC CD CHANGER

Features

- 6-Disc Magazine
- Plays CD-R/RW Discs
- CeNET Control
- Zero-Bit Detector Mute
- Horizontal or Vertical Mounting Capability
- Fiber-Optic Digital Output
- CD Text and CD Titling
- Magazine: CAA397

Specifications

CD Channel Separation 85 dB
CD Signal-to-Noise 100 dB
CD Frequency Response 5 Hz to 20 kHz
CD Dynamic Range 94 dB
Dimensions (h x l x d) 2-1/2" x 9" x 6-5/8"



DC625

C-BUS 6 DISC CD CHANGER

Features

- 6 Disc Magazine
- Plays CD-R/RW Discs
- C-Bus Control
- Zero-Bit Detector Mute
- Horizontal or Vertical Mounting Capability
- Magazine: CAA397

Specifications

CD Channel Separation 85 dB
CD Signal-to-Noise 100 dB
CD Frequency Response 5 Hz to 20 kHz
CD Dynamic Range 94 dB
Dimensions (h x l x d) 2-1/2" x 9" x 6-5/8"

Source Units – FMC250/Accessory Information



FMC250

FM MODULATOR/CD CHANGER CONTROL KIT

FEATURES

- 12 FM Frequencies (switchable)
- C-Bus Control and communication
- Output Level Control
- IR Remote Control RCB131

WORKS WITH C-BUS CHANGERS ONLY

CD Changer Magazines

CAA397

6-DISC MAGAZINE FOR DCZ625, DC625, VCZ625

CAA355

6 DISC MAGAZINE FOR CDC655TZ, CDC635, AND XM655-RET

CAA134

3-PACK/ONE EACH RED, WHITE, AND BLUE
6-DISC MAGAZINE FOR CDC1255Z AND CDC1235

CAA122

ONE BLACK 6-DISC MAGAZINE FOR CDC1255Z
AND CDC1235

CeNET Cables

CCA519

CENET Y-ADAPTER FOR MULTI-CHANGER
CONNECTION

CCA520

8' CENET CD CHANGER (EXTENSION) CABLE,
MALE-TO-FEMALE

CCA521

20.5" CENET CD CHANGER (EXTENSION) CABLE,
MALE-TO-FEMALE

CAA561

16' CENET CD CHANGER (REPLACEMENT)
CABLE, MALE-TO-MALE

C-Bus Cables

CCA273

5' C-BUS CHANGER CABLE, MALE-TO-MALE

CCA306

20" C-BUS CHANGER CABLE, ANGLE MALE-TO-
STRAIGHT FEMALE

CCA308

16' C-BUS CD CHANGER (EXTENSION) CABLE,
MALE-TO-FEMALE

CCA329

16' C-BUS CD CHANGER (REPLACEMENT) CABLE,
MALE-TO-MALE

CCA350

5' C-BUS CD CHANGER CABLE, ANGLE MALE-TO-
ANGLE MALE

Digital Cables

DCA001

16' FIBER-OPTIC CABLE (OLD CLARION CONNECTORS)

DCA002

5' FIBER-OPTIC CABLE (OLD CLARION CONNECTORS)

DCA005

16' FIBER-OPTIC CONNECTOR WITH NEW
CLARION CONNECTORS ON BOTH ENDS

DCA008

5' FIBER-OPTIC CONNECTOR WITH NEW CLARION
CONNECTORS ON BOTH ENDS

DCA006

16' FIBER-OPTIC CONNECTOR WITH OLD CLARION
CONNECTORS ON SOURCE UNIT END AND NEW
CLARION CONNECTOR ON PROCESSOR END.

DCA007

16' FIBER-OPTIC CONNECTOR WITH NEW CLARION
CONNECTORS ON SOURCE UNIT END AND OLD
CLARION CONNECTOR ON PROCESSOR SIDE (FOR
VRX925VD, VRX935VD, OR VS735 TO CONNECT TO
DVS9755Z DVD PLAYER)

Source Units – Harness Information

Clarion Wiring Molex

(View is from the Wire Side)

4 Pin

1	2
3	4

Part #
993-502-230

Pin	Color	Description
1	Blue/White	Amp Control
2	Blue/White	Remote In
3	Yellow	12vt Constant
4	Black	Ground

8 Pin

1	2	3	4
5	6	7	8

Part #
854-632-082

Pin	Color	Description
1	Blue/White	Remote Turn-on
2	Red	12vt Accessory
3	Pink/White	Digital Switch
4	N/A	
5	Black	Chassis Ground
6	Yellow	12vt Constant
7	N/A	
8	Brown	Phone Mute (-)

12 Pin

Part #
993-502-360

1	2	3	4	5	6
7	8	9	10	11	12

Pin	Color	Description
1	Green	LR +
2	White	LF+
3	Violet	RR+
4	Grey	RF+
5	Blue/White	Remote Turn on
6	Red	12vt Accessory
7	Green/Black	LR-
8	White/Black	LF-
9	Violet/Black	RR-
10	Grey/Black	RF-
11	Black	Chassis Ground
12	Yellow	12vt Constant

16 Pin

Part #
854-3232-01

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

Pin	Color	Description
1	Grey/Black	RF-
2	Grey	RF+
3	Violet/Black	RR-
4	Violet	RR+
5	Blue/White	Remote Turn On
6	Red	12vt Accessory
7	N/A	
8	N/A	
9	White/Black	LF-
10	White	LF+
11	Green/Black	LR-
12	Green	LR+
13	Black	Chassis Ground
14	Yellow	12vt Constant
15	N/A	
16	Brown	Phone Mute (-)

16 Pin

Part #
854-634-950

For 1999 and up units

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

Pin	Color	Description
1	Green	LR+
2	White/Black	LF-
3	White	LF+
4	Grey	RF+
5	Grey/Black	RF-
6	Violet	RR+
7	Violet/Black	RR-
8	Yellow	12vt Constant
9	Green/Black	LR-
10	Brown	Phone Mute (-)
11	Red	12vt Accessory
12	Blue	Remote Turn On
13	Blue/White	Antenna Turn-on
14	Orange	Illumination
15	Yellow	12vt Constant
16	Black	Chassis Ground

Multimedia - Applications

Multi-Zone Video System Diagram

CD/DVD Player Error Codes

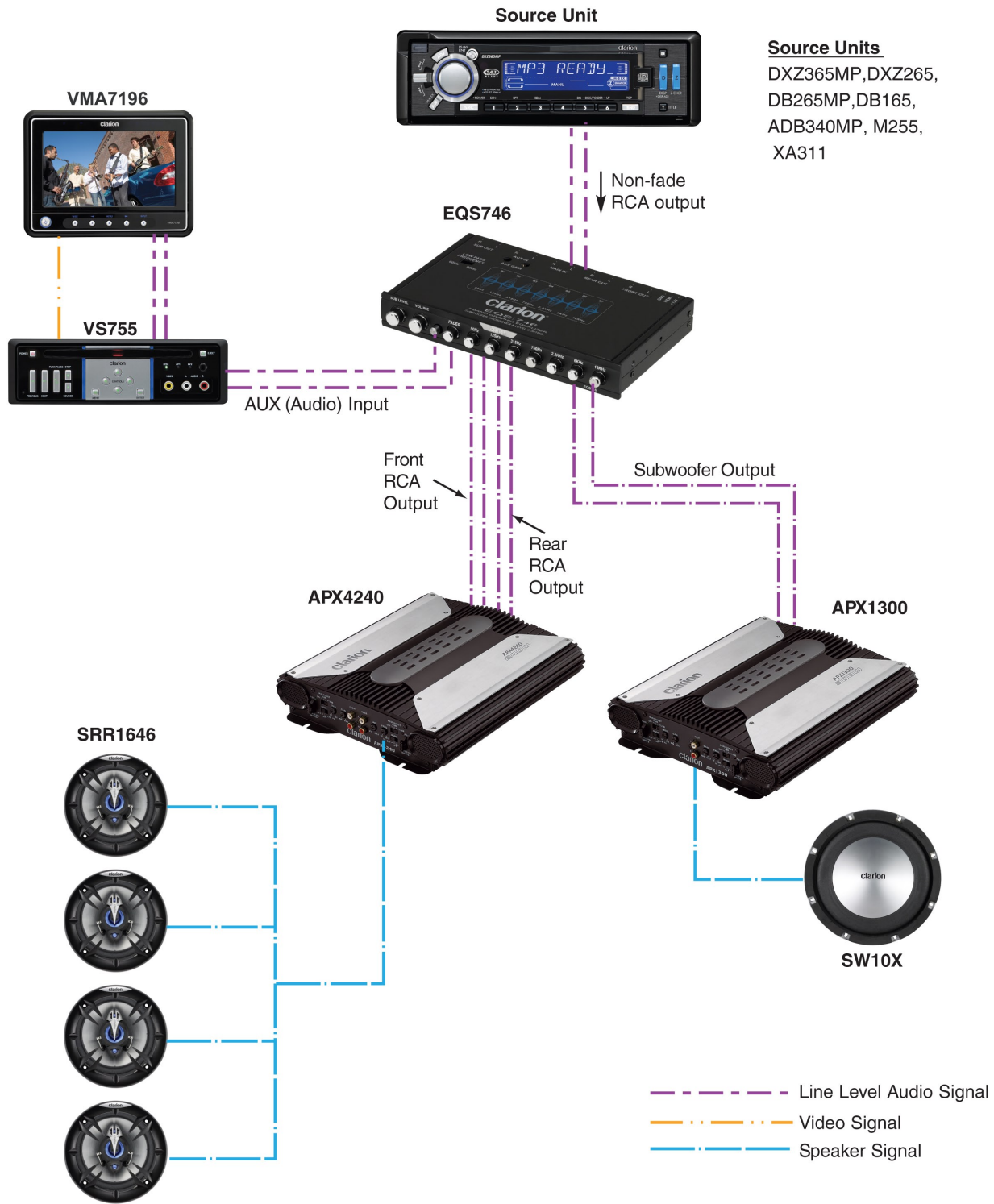
Problem	Cause	Measure
ERROR 2	A CD is caught inside the deck and is not ejected	This is a failure of the CD mechanism - consult your store of purchase
ERROR 3	A CD can not be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
ERROR 6	A CD is loaded upside down or can not be read	Eject the disc and insert it properly or consult your store of purchase

Music Catcher Error Codes

Error	Cause	Measure
ERROR 7	The format of the flash memory is damaged	Execute ALL ERASE on the flash memory
ERROR 8	There is a failure with the flash memory	Turn POWER/ACC off and back on
ERROR 9	An error occurred during recording - scratch on the discs or error due to sound skips	Turn POWER/ACC off and back on. Re-record the music
PARENTAL VIOLATION	Viewing is limited	Release the viewing limitation by changing the parental level.

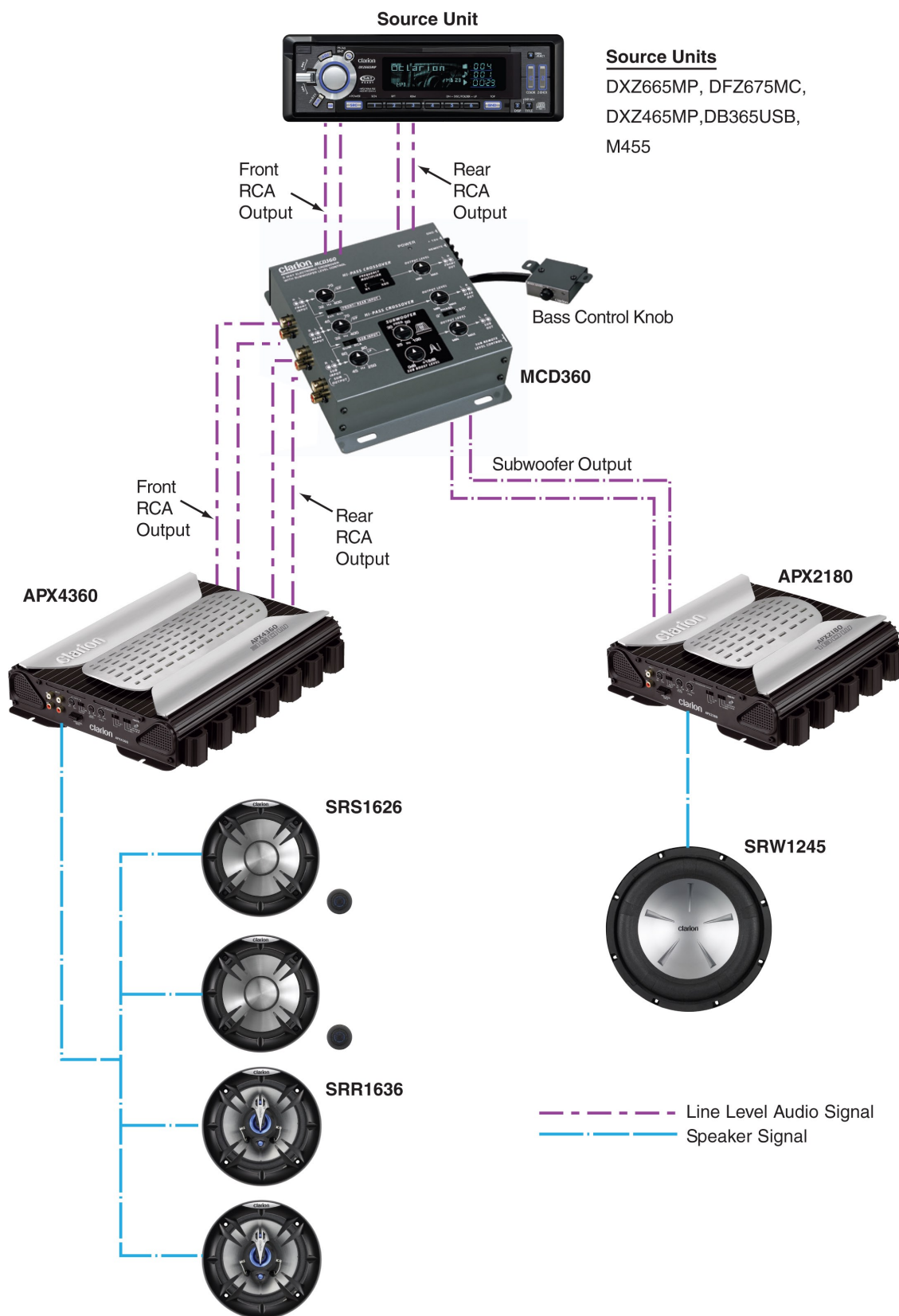
Multimedia - Applications

OHM106/OHM156 Split-Screen Multimedia System Diagram

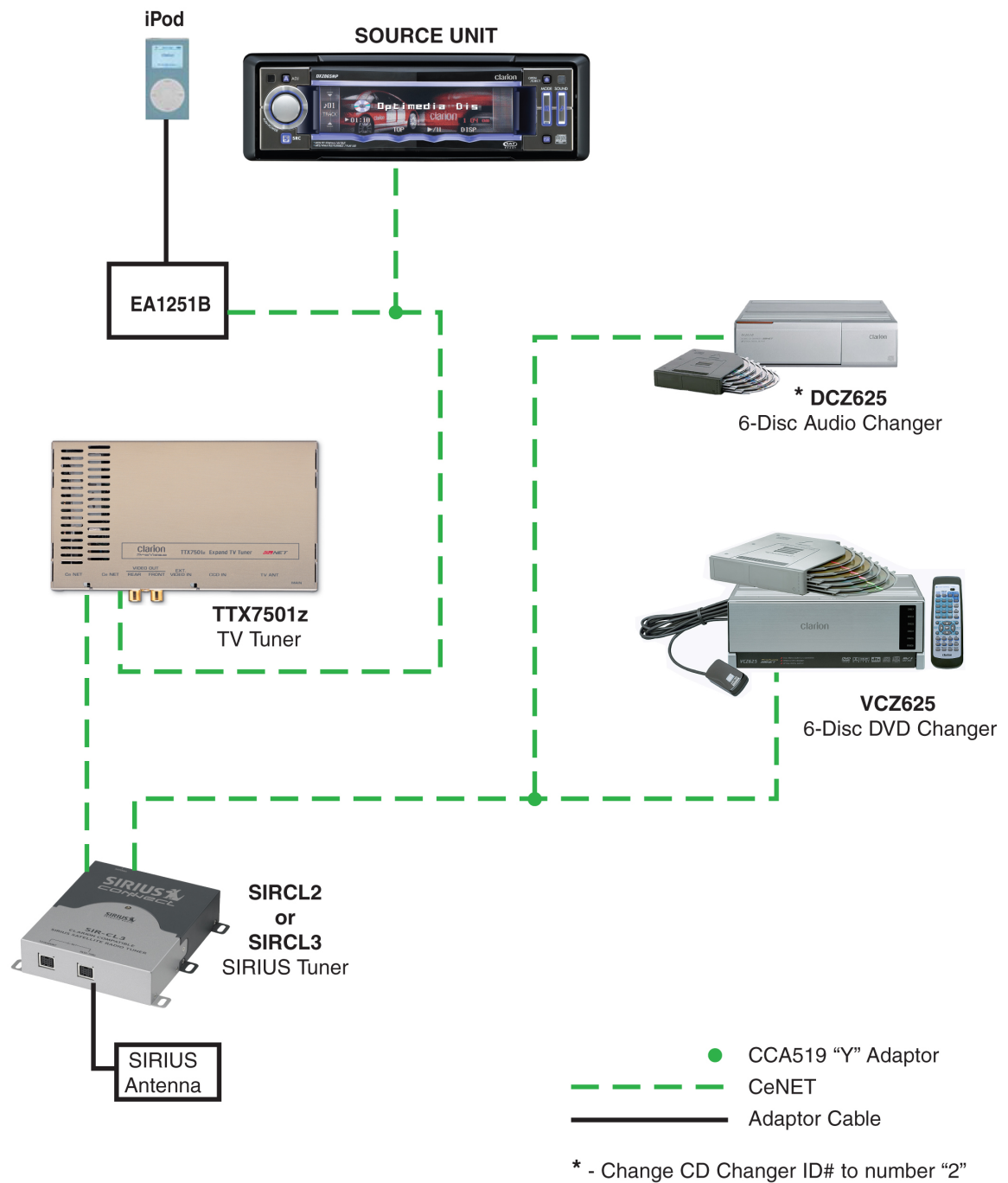


Source Units - System Applications

4-Channel Source Unit with MCD360 System Diagram



Source Units - CeNET System Applications



Clarion CeNET Connection Diagram